

Module 4 - Strain Applications

ME3023 - Measurements in Mechanical Systems

Mechanical Engineering

Tennessee Technological University

Topic 1 - Beam Models

Topic 1 - Beam Models

- Euler Beams
- Force-Deflection Model
- Strain Applications
- Example: Mass from strain

Euler Beams

Text: Theory and Design of Mechanical Measurements

Force-Deflection Model

Force-Deflection Model

Strain Applications

Text: Theory and Design of Mechanical Measurements

Strain Applications

Text: Theory and Design of Mechanical Measurements

Example: Mass from strain